

FIG. 2

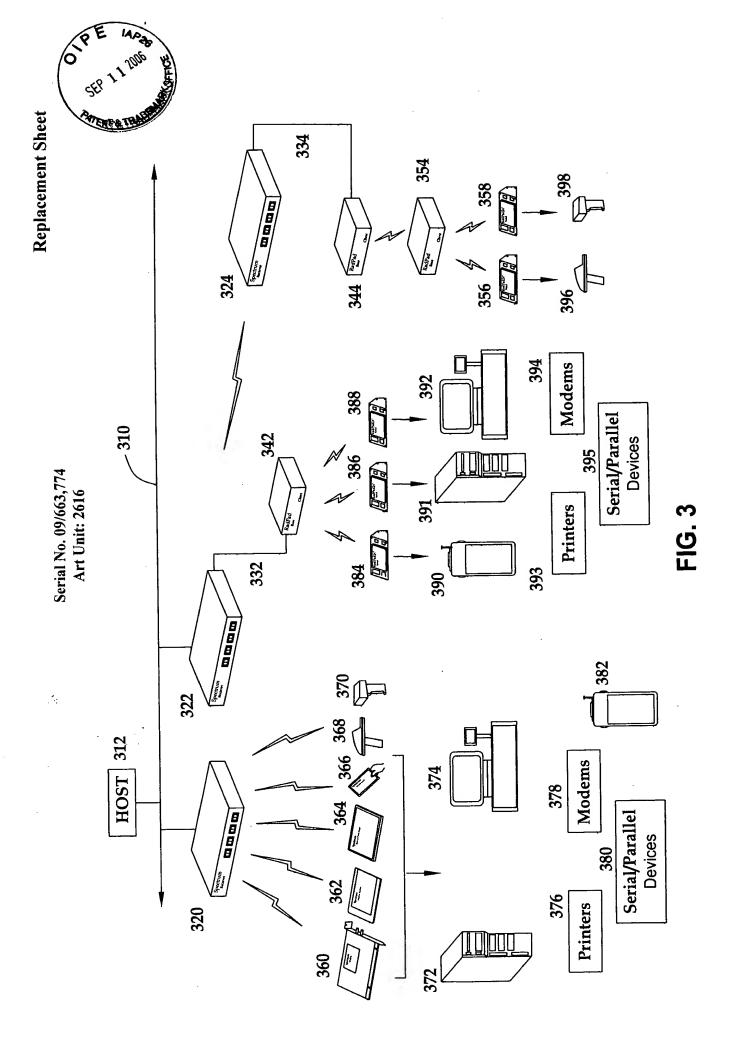


FIG. 4

Serial No. 09/663,774 Art Unit: 2616

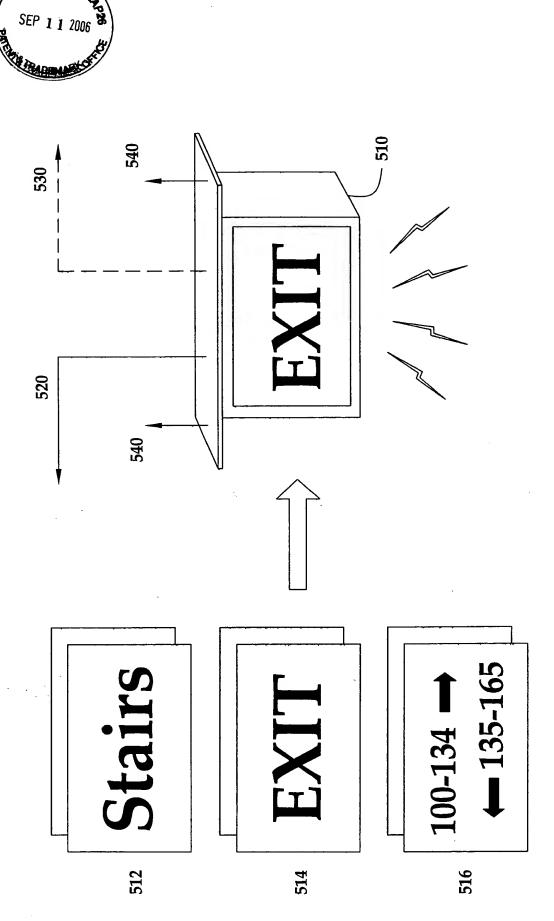


FIG. 5

Serial No. 09/663,774 Art Unit: 2616

.*;

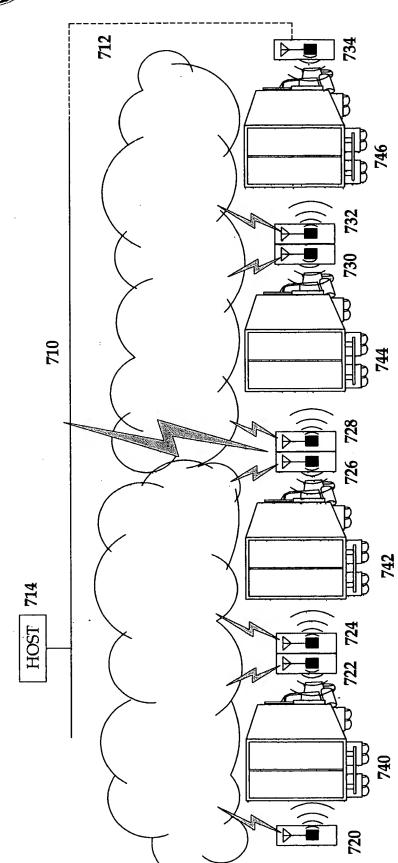


FIG. 7

FIG. 8

SEP 11 2006

2		3		
7				
	Radio	Sub-Module		
				
		Drivers		
	MAC			
Reliable Transport		Base Station Management		
State Machine /Processor	(includes timer	remote cmnd, association, and power mgmnt)		
RS_232	707-041			
РРР				
Application PPP				

FIG. 9

Serial No. 09/663,774 Art Unit: 2616

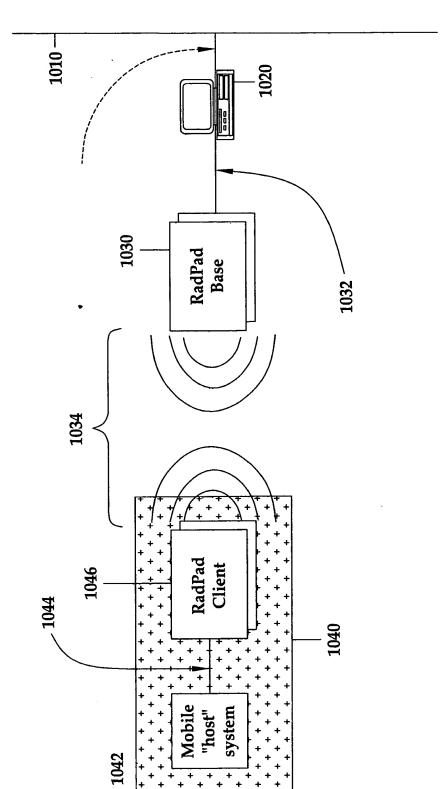


FIG. 1(

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		Native Protocol	Ethernet
PPP	Ü	native protocol	Base Host
	Protocol	Envelope Management	Base RadPad
	יים בים בים	Proprietary Protocol	
PPP interface	Protocol	Envelope Management	Mobile RadPad
	e	Native Protocol	Mobile Host

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TCP/	
TCP/IP tunneled in RadPad Protocol	* + + + + + + + + + + + + + + + + + + +
TCP/IP	

FIG. 11

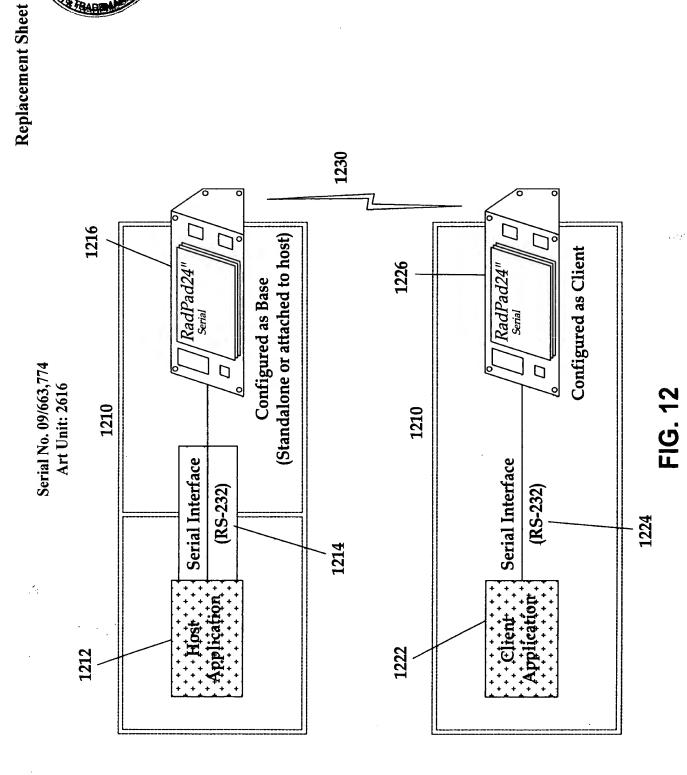


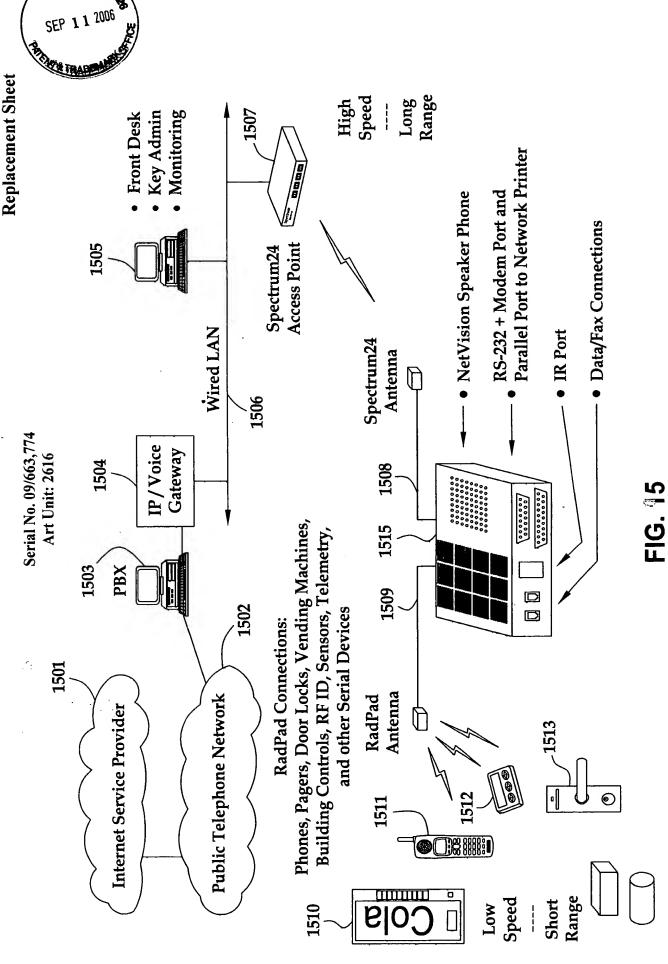
FIG. 13



Serial No. 09/663,774

1470 1480 1460 1460 LAN Phone S24 card Spectrum24 NetVision Phones 1420 1420 Art Unit: 2616 Access Points 1450 Spectrum24 Public Switched Network • Enterprise Intranet TCP/IP Networks • The Internet IP Router Gateway Phone or PBX 1410 -1440 1430

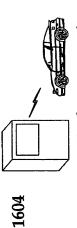
FIG. 14



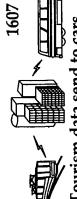
Serial Ar 1602

1601

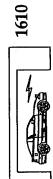
Selectively talk to other cars that are within range while driving (chat, ask for help, ...)



Automatic data connection with car diagnostic equipment



Tourism data send to cars, tour buses, and trolley cars, as vehicle approaches site



Account information for toll booths



Scanning licensing information by police



Car dealers can identify cars and match with database of sales info



Monitoring of cars around you while driving (telemetry)



Emergency vehicles can control stoplights as they approach



Public safety messages and trip directions automatically sent to public

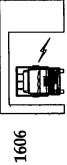


Interfacing with security system by emergency vehicles

Replacement Sheet



Stolen cars can be found by driving around and matching vehicle ID with database... without LoJack



Fast weigh stations for trucks (check vehicle information and manifest automatically... even while driving)



Taxis can notify specific customers when they have arrived



Connects to automated gas pumps



Voice communication with other devices

FIG. 16

Serial No. 09/663,774 Art Unit: 2616

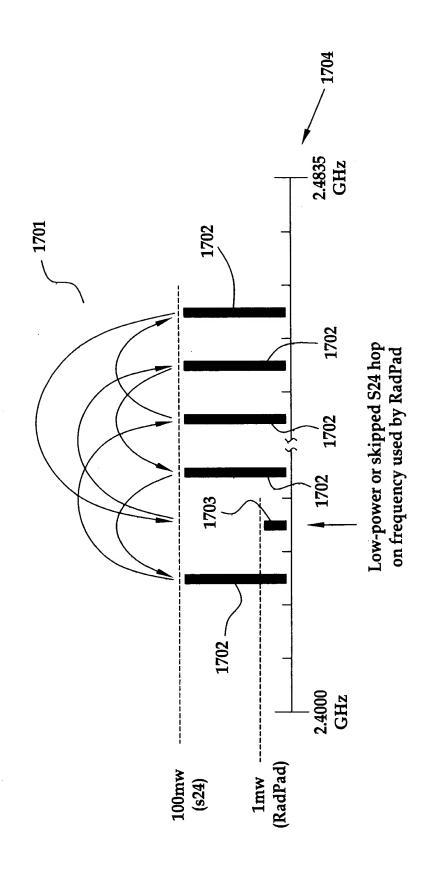


FIG. 17

d(j)

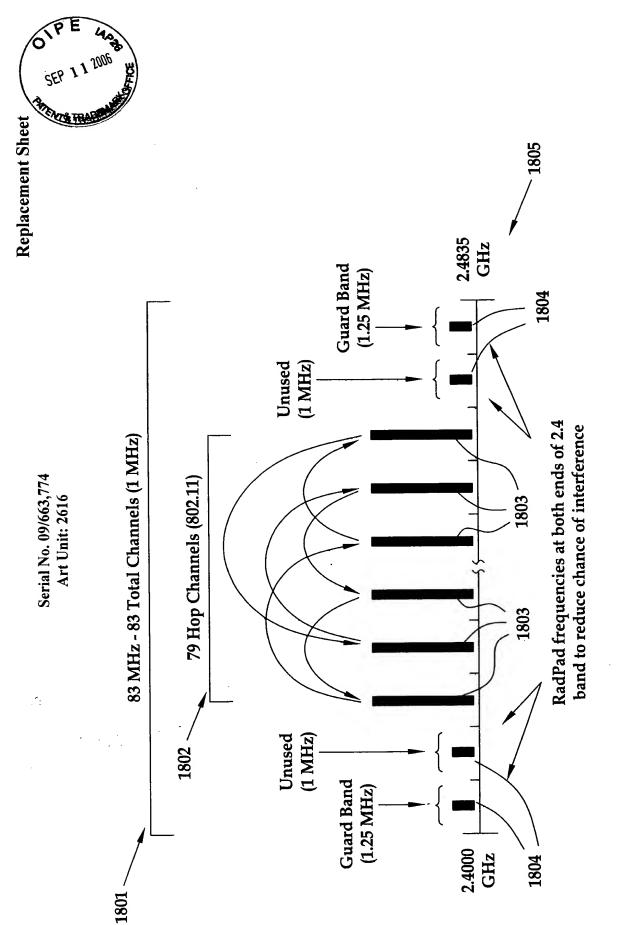


FIG. 18